

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/KR2004/003024

## A. CLASSIFICATION OF SUBJECT MATTER

**IPC7 C12N 1/16, A23L 1/09**

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 C12N 1/16, A23L 1/09

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
Korean Patents and applications for inventions since 1975  
Korean Utility models and applications for Utility models since 1975  
Japanese Utility models and application for Utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKIPASS, PubMed, Delphion, 'Xylitol', 'recycle'

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	KIM, T.B. et al., 'Increased xylitol production rate during long-term cell recycle fermentation of <i>Candida tropicalis</i> ', Biotechnol. Lett., APRIL, 2004, Vol.26(8), pp.623-627 See the whole document.	1-9
A	JP 12-093188 A (BORATSUKU CO., LTD.) 4 APRIL 2000 See the whole document.	1-9
A	KR 2000-76625 A (AJINOMOTO CO., LTD.) 26 DECEMBER 2000 See the whole document.	1-9
A	KR 1999-86862 A (RYU, Y.W. et al.) 15 DECEMBER 1999 See the whole document.	1-9
A	KR 1999-65347 A (SHIN DONG BANG CORPORATION) 5 AUGUST 1999 See the whole document.	1-9

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:	
"A"	document defining the general state of the art which is not considered to be of particular relevance
"E"	earlier application or patent but published on or after the international filing date
"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)
"O"	document referring to an oral disclosure, use, exhibition or other means
"P"	document published prior to the international filing date but later than the priority date claimed
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"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"&"	document member of the same patent family

Date of the actual completion of the international search  
23 FEBRUARY 2005 (23.02.2005)

Date of mailing of the international search report

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Name and mailing address of the ISA/KR

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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No.

PCT/KR2004/003024

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 12-093188 A	04.04.2000	none	
KR 2000-76625 A	26.12.2000	BR 200000338A CN 1271017A EP 1029925A1 JP 12295994 US 2003148482AA	21.08.2001 25.10.2000 23.08.2000 24.10.2000 07.08.2003
KR 1999-86862 A	15.12.1999	none	
KR 1999-65347 A	05.08.1999	none	

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